

### Availability at Daily Maximum Demand Hour

ST-Coal	2,210 MW
ST-Gas	0 MW
ST-Oil	0 MW
Gas	3,294 MW
Hydro	1,737 MW
Distillate	0 MW
Total TNB	<u>7,241 MW</u>
Total IPP	<u>10,466 MW</u>
Total Co-Gen	<u>0 MW</u>
Total System	<u>18,277 MW</u>

### Generation Mix

Type	MWh	Percentage
ST-Coal	47,645	16.87 %
Gas	44,143	15.63 %
Hydro	7,000	2.48 %
<b>Total TNB</b>	<b>98,788</b>	<b>34.98 %</b>
ST-Coal	125,418	44.41 %
Gas	56,943	20.17 %
<b>Total IPP</b>	<b>182,361</b>	<b>64.58 %</b>
Co-Gen	16	0.01 %
<b>Total Co-Gen</b>	<b>16</b>	<b>0.01 %</b>
<b>Total Generation</b>	<b>281,165</b>	<b>99.57 %</b>
PLTG	-469	-0.17 %
HVDC	-744	-0.26 %
Interconnection	-1,213	-0.43 %
<b>Net Energy</b>	<b>282,378</b>	<b>100.00 %</b>

### Maximum Demand Record

Date: 6/11/2014	16,901 MW
Date: 6/24/2014	355,911 MWH

### Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	20:00:00 Hour
Total Set On Bus	14,615 MW
TNB Generation	4,577 MW
IPP Generation	8,649 MW
Spinning Reserve	1,389 MW
Maximum Demand	13,293 MW
Net Energy	282,378 MWH
Load Factor	88.51 %

### Fuel Cost

Total Cost:	35,461,352.55 RM
Cost per Unit	13.02 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	348
Hydro	221
Syncon	650
Thermal	65
<b>Total</b>	<b>1,284</b>

### Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Sunny	25

### Gas Usage

Station	(mmscfd)
CBPS	32
GLGR	53
NPRI	24
PAKA	98
SRDG	2
TJGS	126
<b>Total TNB</b>	<b>335</b>

KLPP	88
MPSS	36
PGLA	11
PKLG	1
PLPS	82
SGB3	33
SGRI	154
SKSP	49
<b>Total IPP</b>	<b>455</b>

### Total Gas 790

### Total Gas Required 790

### Alternate Fuel Usage

Station	(mmscfd)
<b>Total</b>	<b>0</b>

### Hourly System MW Generation

	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
System Total	12406	11775	11466	11116	10930	10703	10836	10324	10066	10598	11240	11839	11996	11935	12196	12320	12233	12022	11911	12602	13293	13168	12852	12353

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Pengurus Besar Kanan  
Jabatan Sistem Operasi





**Daily MW Generation on Sunday**

Station	Unit	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300
Total Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCUF	CUPG	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	0	0	0
Total Co-Gen		1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	0	0	0	0
Total Gen		12385	12075	11761	11598	11429	11278	11083	11012	10884	10737	10699	10701	10754	10731	10313	9993	10016	10226	10508	10916	11216	11530	11684	11923
TIE-EGAT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TIE-HVDC		-59	-59	-59	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29
TIE-PLTG		37	-6	45	-48	-8	-35	-3	6	-16	15	25	-6	-53	11	-19	-35	-21	-38	-61	29	5	5	-126	44
Interconnection		-21	-64	-14	-78	-37	-64	-33	-23	-46	-14	-4	-34	-82	-18	-11	-65	-50	-68	-90	0	-24	-24	-155	14
System Total		12406	12139	11775	11676	11466	11342	11116	11035	10930	10751	10703	10755	10836	10749	10324	10058	10066	10294	10598	10916	11240	11554	11839	11909
SRev ST-Coal		128	146	125	97	89	104	104	106	91	254	257	244	230	252	432	478	515	511	499	120	106	61	34	-5
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev CCGT-Gas		530	292	455	654	828	966	1160	1223	1369	1334	1360	1363	1342	1344	1529	1384	1447	1421	1163	1091	819	363	412	366
SRev ST-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev Co-Gen		9	9	9	9	9	9	9	9	9	9	9	8	8	8	8	8	8	8	9	9	9	9	9	0
Synacon		575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	424	424	273	424	726	726
Hydro		259	241	262	255	258	257	256	262	260	257	264	274	257	256	265	234	254	230	207	254	390	402	558	388
S.Reserve Total		1501	1263	1426	1590	1759	1911	2104	2175	2204	2429	2465	2465	2412	2435	2809	2679	2799	2745	2452	2048	1748	1259	1286	1173